



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<b><u>MINNESOTA, Central and South Central</u></b>								
<b>Douglas County</b>								
4 W Evansville	02	2115CST			0	0		Hail(1.75)
<b>Todd County</b>								
Staples	02	2140CST			0	0	50K	Thunderstorm Wind (EG65)
Numerous trees were snapped or uprooted. Some trees came down on homes and sheds. The roofs of two garages were blown off, and a camper was rolled about 40 feet. Most damage was in the south side of town.								
<b>Douglas County</b>								
2 S Alexandria	02	2150CST			0	0		Thunderstorm Wind (MG52)
Measured by MNDOT road weather system along Interstate 94.								
<b>Pope County</b>								
6 N Glenwood	02	2210CST			0	0		Thunderstorm Wind (EG52)
Several trees toppled.								
<b>Pope County</b>								
Glenwood Arpt	02	2217CST			0	0		Thunderstorm Wind (MG51)
Measured by MNDOT AWOS system.								
<b>Todd County</b>								
1 NE West Union	02	2226CST			0	0		Thunderstorm Wind (EG50)
Few trees and power lines down.								
<b>Stearns County</b>								
Sartell	02	2230CST			0	0		Thunderstorm Wind (EG52)
Several 8 to 10 inch diameter branches down.								
<b>Stevens County</b>								
3 N Chokio	02	2230CST			0	0		Hail(0.75)
<b>Benton County</b>								
Foley	02	2305CST			0	0		Thunderstorm Wind (EG52)
Few trees down. Light standard toppled at the High School football field								
<b>Sherburne County</b>								
Clear Lake	02	2305CST			0	0		Thunderstorm Wind (EG52)
Sheet of plywood was lifted up and blown into a transformer.								
<b>Sherburne County</b>								
4 N Becker	02	2320CST			0	0		Hail(0.75)
<b>Mille Lacs County</b>								
Princeton	02	2330CST			0	0		Thunderstorm Wind (EG60)
Numerous trees down, including some on vehicles and power lines. Semi truck tipped over. Bleachers at fairgrounds were ripped apart. A roof was blown off a used car building, and a few windows were blown out at an apartment complex								
<b>Isanti County</b>								
3 NW Crown	02	2350CST			0	0		Thunderstorm Wind (EG52)
Several trees down along Blue Lake, including one on a power line.								
<b>Anoka County</b>								
Andover to Hilltop	03	0000CST 0015CST			0	0		Thunderstorm Wind (EG52)
Scattered trees and power lines down.								
<b>Hennepin County</b>								
Champlin	03	0000CST			0	0		Thunderstorm Wind (EG52)
Few trees and power lines down.								
<b>Isanti County</b>								
2 S Cambridge	03	0000CST			0	0		Thunderstorm Wind (EG52)
Several trees down.								



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<b><u>MINNESOTA, Central and South Central</u></b>									
<b>Sherburne County</b>									
Big Lake	03	0000CST			0	0			Thunderstorm Wind (EG55)
			Several 12 inch diameter branches felled.						
<b>Chisago County</b>									
North Branch	03	0010CST			0	0			Thunderstorm Wind (EG55)
			Few trees toppled.						
<b>Hennepin County</b>									
Golden Vly	03	0015CST			0	0			Thunderstorm Wind (EG52)
			Several 8 to 10 inch diameter branches down.						
<b>Stevens County</b>									
Chokio	03	2335CST			0	0			Thunderstorm Wind (EG55)
			Several trees toppled.						
<b>Lac Qui Parle County</b>									
5 S Marietta	03	2339CST			0	0			Thunderstorm Wind (MG50)
			Measured by MNDOT Road Weather System.						
<b>Chippewa County</b>									
Milan	03	2350CST			0	0			Thunderstorm Wind (EG60)
			Numerous trees downed; some were snapped.						
<b>Swift County</b>									
8 NW Appleton to Appleton	03	2350CST			0	0			Hail(0.75)
			Corn stripped.						
<b>Stevens County</b>									
Morris Arpt	03	2354CST			0	0			Thunderstorm Wind (MG71)
			Hundreds of trees down in the city of Morris; some fell on houses and vehicles. Three barns were damaged at the West Central Research Center on the north side of town. Gust measured by MNDOT AWOS.						
<b>Douglas County</b>									
Alexandria	03	2355CST			0	0			Thunderstorm Wind (EG52)
			Several trees toppled.						
<b>Swift County</b>									
Appleton Arpt	03	2356CST			0	0			Thunderstorm Wind (MG53)
			Measured by MNDOT AWOS. Scattered trees down in Appleton.						
<b>Stevens County</b>									
Hancock	04	0000CST			0	0			Thunderstorm Wind (EG65)
			Grain elevator tipped over. Barn down. Numerous trees felled.						
<b>Pope County</b>									
9 S Starbuck to 7 S Starbuck	04	0003CST 0013CST			0	2			Thunderstorm Wind (MG68)
			Gust measured by MNDOT Road Weather System 9 S Starbuck. Hundreds of trees were snapped or downed at Glacial Lakes State Park, which was nearly full of campers for the holiday weekend. Falling trees caused minor injuries to two campers. Nearby, five barns were downed and several empty grain bins were blown over. The RWIS was still measuring a gust of 61 knots at 0013 CST						
<b>Martin County</b>									
Ceylon	04	0010CST			0	0			Thunderstorm Wind (EG55)
			Scattered trees down.						
<b>Chippewa County</b>									
Montevideo	04	0015CST			0	0			Thunderstorm Wind (EG55)
			Numerous trees and power lines down, mainly in the northern half of town.						



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					Killed	Injured	Property	Crops	
<b><u>MINNESOTA, Central and South Central</u></b>									
Douglas County									
Osakis	04	0015CST			0	0			Thunderstorm Wind (EG60)
									Several trees down. The wind also demolished a trailer house.
Pope County									
4 SW Glenwood	04	0015CST			0	0			Thunderstorm Wind (EG65)
									Numerous trees down, including one on a house. Boats and docks were thrown out of the water on the east side of Lake Minnewaska.
Swift County									
Benson Arpt	04	0018CST			0	0			Thunderstorm Wind (MG57)
									Gust measured by MNDOT AWOS. Scattered trees down in Benson.
Pope County									
Glenwood Arpt	04	0020CST			0	0			Thunderstorm Wind (MG50)
									Gust measured by MNDOT AWOS.
Pope County									
Terrace	04	0020CST			0	0			Thunderstorm Wind (EG52)
									Few trees down.
Todd County									
8 SW Clotho	04	0020CST			0	0			Thunderstorm Wind (EG52)
									Scattered trees down.
Martin County									
Fairmont	04	0025CST			0	0			Thunderstorm Wind (EG52)
									Several trees toppled.
Stearns County									
Brooten	04	0030CST			0	0			Thunderstorm Wind (EG55)
									Numerous trees downed, some on houses on vehicles. Several trees blocked roads.
Watonwan County									
St James	04	0030CST			0	0			Thunderstorm Wind (EG52)
									Several trees felled.
Stearns County									
Belgrade to 3 ESE Belgrade	04	0032CST 0042CST			0	0			Thunderstorm Wind (MG55)
									Numerous trees down in Belgrade. Gust measured by MNDOT Road Weather System 3 ESE Belgrade; observation indicated the severe wind lasted 10 minutes.
Stearns County									
3 NW Lake Henry	04	0035CST			0	0			Thunderstorm Wind (EG55)
									About one dozen trees downed.
Faribault County									
Blue Earth	04	0040CST			0	0			Thunderstorm Wind (MG50)
									Gust measured by MNDOT Road Weather System.
Renville County									
Sacred Heart to Renville	04	0040CST			0	0			Thunderstorm Wind (EG52)
									Trees and power lines down.
Stearns County									
4 N Paynesville to 1 S St Martin	04	0045CST			0	0			Thunderstorm Wind (EG60)
									Numerous trees down, roof off a barn; machine shed blown about 100 feet.
Yellow Medicine County									
Granite Falls	04	0045CST			0	0			Thunderstorm Wind (EG52)
									Several trees and power lines down.



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### MINNESOTA, Central and South Central

#### **Blue Earth County**

**Lake Crystal**      **04**      **0050CST**                **0**      **0**           **Thunderstorm Wind (EG50)**  
Several trees blown down, including one across a road.

#### **Kandiyohi County**

**Raymond to Prinsburg**      **04**      **0050CST**                **0**      **0**           **Thunderstorm Wind (EG55)**  
Numerous trees down, including one on a house in Raymond.

#### **Kandiyohi County**

**Spicer to Regal**      **04**      **0050CST**                **0**      **0**           **Thunderstorm Wind (EG55)**  
Scattered trees down. Boats and docks lifted on Green Lake.

#### **Faribault County**

**Bricelyn**      **04**      **0055CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Tree downed, brushing house.

#### **Faribault County**

**Wells**      **04**      **0100CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Tree down on house.

#### **Nicollet County**

**North Mankato**      **04**      **0103CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Several trees down, including one across a road.

#### **Blue Earth County**

**Mankato**      **04**      **0105CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Scattered trees felled.

#### **Redwood County**

**6 E Redwood Falls**      **04**      **0105CST**                **0**      **0**           **Thunderstorm Wind (EG55)**  
Numerous trees and power lines down.

#### **Nicollet County**

**St Peter**      **04**      **0115CST**                **0**      **0**           **Thunderstorm Wind (EG50)**  
Tree blown down across road.

#### **Freeborn County**

**3 SE Freeborn to Alden**      **04**      **0120CST**                **0**      **0**           **Thunderstorm Wind (EG55)**  
Several trees blown down, including two on a house in Alden.

#### **Meeker County**

**Litchfield Muni Arpt**      **04**      **0120CST**                **0**      **0**           **Thunderstorm Wind (MG50)**  
Measured by MNDOT AWOS.

#### **Waseca County**

**New Richland**      **04**      **0125CST**                **0**      **0**           **Thunderstorm Wind (EG50)**  
Numerous ten inch diameter branches down.

#### **Freeborn County**

**Myrtle**      **04**      **0130CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Several trees and power lines down.

#### **Mcleod County**

**5 NNW Hutchinson**      **04**      **0130CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Tree toppled.

#### **Waseca County**

**Waseca**      **04**      **0130CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Scattered trees down across the east side of Waseca.

#### **Le Sueur County**

**6 E Cleveland**      **04**      **0135CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Several trees toppled.



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### MINNESOTA, Central and South Central

#### **Mcleod County**

<b>Brownnton to 6 SSE Brownnton</b>	04	0135CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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Numerous trees down, including one across a road in Brownnton.

#### **Wright County**

<b>Maple Lake Muni Arpt</b>	04	0137CST			0	0			<b>Thunderstorm Wind (MG51)</b>
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Measured by MNDOT AWOS. Numerous trees and power lines down in Maple Lake, including one across a road

#### **Benton County**

<b>Sauk Rapids</b>	04	0140CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Scattered trees down, including some on power lines.

#### **Sibley County**

<b>New Auburn</b>	04	0140CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Several trees felled.

#### **Steele County**

<b>Owatonna</b>	04	0140CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Few trees down.

#### **Wright County**

<b>Buffalo to 4 S Buffalo</b>	04	0140CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Scattered trees down, including one across a road 3 S Buffalo.

#### **Wright County**

<b>Monticello</b>	04	0145CST			0	0			<b>Thunderstorm Wind (EG55)</b>
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Numerous trees and power lines down.

#### **Kanabec County**

<b>6 N Mora</b>	04	0150CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Few trees toppled.

#### **Mcleod County**

<b>Glencoe</b>	04	0150CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Two trees down.

#### **Wright County**

<b>St Michael to Otsego</b>	04	0150CST			0	0			<b>Thunderstorm Wind (EG55)</b>
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Scattered trees down, including one across a road in Albertville.

#### **Hennepin County**

<b>Maple Grove</b>	04	0202CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Several trees and power lines down.

#### **Carver County**

<b>Chaska</b>	04	0205CST			0	0			<b>Thunderstorm Wind (EG55)</b>
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Several trees down, including one on a house.

#### **Hennepin County**

<b>Mound</b>	04	0210CST			0	0			<b>Thunderstorm Wind (EG55)</b>
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Large trees down, including some with a 20 inch diameter.

#### **Scott County**

<b>Shakopee</b>	04	0210CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Few trees down, including some on power lines.

#### **Sherburne County**

<b>Elk River</b>	04	0210CST			0	0			<b>Thunderstorm Wind (EG55)</b>
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Scattered trees and power lines down. One tree was blown down across a road.



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<u>MINNESOTA, Central and South Central</u>									
Dakota County									
Apple Vly	04	0212CST			0	0			Thunderstorm Wind (EG50)
		Numerous large branches down.							
Hennepin County									
Hopkins	04	0215CST			0	0			Thunderstorm Wind (EG50)
		Ten inch diameter branch blown off healthy maple tree.							
Scott County									
Prior Lake	04	0215CST			0	0			Thunderstorm Wind (EG52)
		Tree toppled.							
Anoka County									
Oak Grove to East Bethel	04	0220CST			0	0			Thunderstorm Wind (EG55)
		Scattered trees and power lines down.							
Dakota County									
Farmington	04	0220CST			0	0			Thunderstorm Wind (MG56)
		Measured by trained spotter.							
Washington County									
Woodbury	04	0250CST			0	0			Thunderstorm Wind (EG55)
		Numerous trees felled.							
Douglas County									
Evansville	06	1852CST 1857CST			0	0			Hail(0.88)
Douglas County									
Millerville	06	1906CST			0	0			Hail(1.00)
Douglas County									
2 S Millerville	06	1913CST			0	0			Hail(1.75)
Douglas County									
Alexandria	06	1954CST			0	0			Hail(0.75)
Benton County									
Rice	07	0154CST			0	0			Hail(1.00)
Stevens County									
3 SW Chokio to .5 SW Chokio	09	1430CST 1438CST	3	50	0	0			Tornado (F0)
		Tornado tore across open fields and a few groves of trees, then dissipated just before entering the city of Chokio.							
Stevens County									
3 SW Morris Arpt	09	1500CST			0	0			Funnel Cloud
Renville County									
1 W Fairfax	09	1521CST			0	0			Hail(0.75)
Swift County									
7 W Clontarf	09	1550CST	0.1	25	0	0			Tornado (F0)
		Brief touchdown in an open field.							
Swift County									
4 W Danvers to 1 SE Danvers	09	1600CST 1610CST	5	50	0	0	5K		Tornado (F1)
		Tornado ripped across open fields as well as several groves of trees. It brushed one farmstead southwest of Danvers, damaging a grain bin.							
Brown County									
2 S New Ulm	09	1610CST			0	0			Hail(0.88)



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### MINNESOTA, Central and South Central

#### Nicollet County

**3 SE Courtland**      **09**      **1615CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Few trees down.

#### Swift County

**3 SE Danvers**      **09**      **1615CST**      **0.1**      **25**      **0**      **0**           **Tornado (F0)**  
Brief touchdown in open field.

#### Blue Earth County

**5 NW Lake Crystal**      **09**      **1639CST**                **0**      **0**           **Hail(1.25)**

#### Blue Earth County

**5 NW Lake Crystal**      **09**      **1640CST**      **0.1**      **25**      **0**      **0**           **Tornado (F0)**  
Brief touchdown in a bean field.

#### Kandiyohi County

**2 W Pennock to**      **09**      **1650CST**      **3**      **220**      **0**      **0**      **1M**      **Tornado (F1)**  
**1 E Pennock**      **1655CST**

A multiple vortex tornado touched down west of Pennock near a turkey farm, which was severely damaged. 200 to 300 turkeys were killed. The tornado then tracked straight east through the city of Pennock, knocking down trees and causing some damage to houses, including partially removing the roof from one home. A large storage building was destroyed in Pennock, as were several sheds and a garage. Just east of Pennock, it took direct aim on a house, lifting off its roof and blowing a shed into a nearby field. Another garage nearby had its roof removed. A strong rear flank downdraft accompanied the tornado, producing wind damage from just east of Pennock to Willmar (see corresponding entry).

#### Kandiyohi County

**1 E Pennock to**      **09**      **1655CST**                **0**      **0**      **100K**      **Thunderstorm Wind (EG65)**  
**Willmar**      **1705CST**

A strong rear flank downdraft accompanied the Pennock tornado (see corresponding entry). Several trees were felled, bleachers at an athletic complex were destroyed, a grain bin collapsed onto a Bobcat, and a sign at the Kandi Mall was knocked down.

#### Blue Earth County

**Lake Crystal**      **09**      **1700CST**                **0**      **0**           **Thunderstorm Wind (EG70)**  
Based on the NWS damage survey, the vast majority of damage in Lake Crystal this day was due to strong thunderstorm winds, rather than the brief tornado that also touched down (see corresponding entry). Dozens of trees were toppled, some snapped. Many trees fell on sheds, homes and vehicles.

#### Blue Earth County

**Lake Crystal**      **09**      **1700CST**      **0.1**      **50**      **0**      **0**           **Tornado (F0)**  
Brief touchdown on the extreme eastern edge of town, near the intersection of Kraus Street and Blue Earth Street. Several trees were damaged. The storm which produced this tornado also produced widespread strong wind damage throughout central and western sections of Lake Crystal (see corresponding entry)

#### Kandiyohi County

**Kandiyohi**      **09**      **1711CST**                **0**      **0**           **Hail(1.00)**

#### Renville County

**Renville**      **09**      **1711CST**                **0**      **0**           **Hail(0.75)**

#### Renville County

**Renville**      **09**      **1711CST**                **0**      **0**           **Thunderstorm Wind (EG52)**  
Several trees down in the south side of town.

#### Faribault County

**5 S Wells to**      **09**      **1900CST**                **0**      **0**           **Hail(1.00)**  
**8 S Wells**      **1908CST**



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					Killed	Injured	Property Crops	
<b><u>MINNESOTA, Central and South Central</u></b>								
<b>Faribault County</b>								
Bricelyn to Kiester	09	1915CST			0	0		Hail(0.75)
<b>Sherburne County</b>								
5 NE Clear Lake	14	0920CST			0	0		Hail(0.88)
<b>Mcleod County</b>								
1 N Biscay	14	1150CST			0	0		Hail(0.88)
<b>Stearns County</b>								
Elrosa	14	1455CST			0	0		Hail(1.00)
<b>Stearns County</b>								
5 SW St Joseph	14	1539CST			0	0		Hail(1.75)
		Hail covered ground. Leaves stripped.						
<b>Stearns County</b>								
4 ESE Rockville	14	1548CST			0	0		Hail(0.88)
<b>Sherburne County</b>								
3 N Cable	14	1600CST			0	0		Hail(0.75)
		Reported at the St. Cloud airport.						
<b>Sherburne County</b>								
3 N Clear Lake	14	1615CST			0	0		Hail(0.75)
<b>Sherburne County</b>								
5 N Clear Lake	14	1615CST			0	0		Thunderstorm Wind (EG52)
		Four inch diameter branches down.						
<b>Sherburne County</b>								
6 N Elk River	14	1655CST			0	0		Hail(1.00)
		Hail covered ground.						
<b>Anoka County</b>								
Linwood	14	1722CST			0	0		Hail(1.00)
<b>Chisago County</b>								
Lindstrom	14	1730CST			0	0		Hail(1.00)
<b>Chisago County</b>								
Stacy	14	1745CST			0	0		Hail(1.00)
<b>Washington County</b>								
Scandia	14	1800CST			0	0		Thunderstorm Wind (EG52)
		Few trees down, including one which broke a window.						
<b>Washington County</b>								
Forest Lake	14	1830CST	0.1	25	0	0		Tornado (F0)
		Tornado touched down on Forest Lake, then briefly moved ashore before dissipating. A boat lift was flipped and several large branches were downed.						
<b>Scott County</b>								
Prior Lake	14	1855CST			0	0		Hail(1.25)
<b>Brown County</b>								
6 W Searles to 4 WNW Searles	14	1830CST 1835CST	2	50	0	0		Tornado (F0)
		Tornado tore across corn fields and several groves of trees. Videotaped by storm chasers						
<b>Brown County</b>								
1 N Searles	14	1852CST	0.1	25	0	0		Tornado (F0)
		Brief touchdown in open field as videotaped by storm chaser. This tornado was from a different supercell than that which produced a tornado 6 W Searles at 1830. The supercell which spawned this tornado 1 N Searles went on to produce six more tornadoes: 5 in Blue Earth County and 1 in Waseca County.						





# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>MINNESOTA, Central and South Central</u></b>								
<b>Blue Earth County</b> 3 E Lake Crystal to 3.5 E Lake Crystal	14	1920CST 1921CST	0.5	50	0	0	100K	<b>Tornado (F2)</b>
The second tornado from a cyclic tornadic supercell touched down on the western edge of a farmstead. It snapped a dozen trees and demolished a barn and sheds. The roof of a house was peeled away and four vehicles were moved								
<b>Blue Earth County</b> 2.5 NW Rapidan to 1.5 N Rapidan	14	1922CST 1925CST	2.5	50	0	0		<b>Tornado (F1)</b>
The third tornado in a series touched down in a corn field and trekked straight east. It caused minor house damage and knocked down several sheds and outbuildings, then moved across corn and bean fields before causing minor damage to a farmstead. It dissipated shortly after moving through the farmstead. Videotaped by storm chasers.								
<b>Blue Earth County</b> 1.5 NE Rapidan to 3.5 NE Rapidan	14	1927CST 1931CST	3	220	0	0	500K	<b>Tornado (F1)</b>
The fourth tornado in a series formed atop a bluff on the west side of the Le Sueur River valley, struck two homes down in the river valley, then moved back up the bluffs on the east side of the valley, where it snapped many trees and produced minor damage to some more houses, sheds and outbuildings. Videotaped by storm chasers.								
<b>Blue Earth County</b> 4 SSE Mankato to 6 SE Mankato	14	1934CST 1937CST	2	100	0	0	100K	<b>Tornado (F1)</b>
The fifth tornado in a series touched down in a corn field, clipped a couple of storage buildings and a lawn care center, then moved across more fields and a meadow before dissipating.								
<b>Blue Earth County</b> 3 NE St Clair to 4.5 NE St Clair	14	1943CST 1948CST	1.5	220	0	0	2M	<b>Tornado (F2)</b>
The sixth tornado in a series was the last of five to hit Blue Earth County. This one took direct aim on four farmsteads. Barns, sheds and outbuildings were downed. A roof was taken off a house and numerous trees were snapped. Law Enforcement video showed this to be a multiple vortex tornado.								
<b>Waseca County</b> 1 W Janesville	14	1955CST	0.1	50	0	0		<b>Tornado (F0)</b>
Captured on video by law enforcement, this was the seventh and last in a series of tornadoes produced by a cyclic tornadic supercell. It touched down briefly in an open field and dissipated before reaching the city of Janesville.								
<b>Waseca County</b> Waseca Muni Arpt	14	2007CST			0	0		<b>Funnel Cloud</b>
<b>Morrison County</b> Motley	19	1440CST 1442CST			0	0		<b>Hail(1.00)</b>
<b>Todd County</b> 5 S Staples	19	1442CST			0	0		<b>Hail(1.00)</b>
<b>Todd County</b> 7 SW Philbrook	19	1445CST	0.2	50	0	0		<b>Tornado (F0)</b>
Brief touchdown in wooded area along road. This tornado was associated with the storm that produced downburst damage from 1445 to 1500 from 3 S Staples to 2 SE Lincoln.								
<b>Todd County</b> 3 S Staples to 6 SE Philbrook	19	1445CST 1455CST			0	0		<b>Thunderstorm Wind (EG70)</b>
A wide swath of damaging wind accompanied a brief tornado that touched down 7 SW Philbrook. The NWS damage survey, however, determined that the vast majority of the damage in northeastern Todd County was due to the strong wind associated with								



Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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## MINNESOTA, Central and South Central

this tornadic storm. The swath of damaging wind was about six miles wide and 9 miles long in Todd County (it continued for another three miles in Morrison County - see corresponding entry). Hundreds, perhaps thousands, of trees were downed by the winds that blew from northeast to southwest. Some trees fell on houses, outbuildings, and vehicles. Many trees were felled in the community of Philbrook.

## Morrison County

**1 N Lincoln to  
2 SE Lincoln**

**19**      **1455CST**  
**1500CST**

0 0

### Thunderstorm Wind (EG70)

Downburst damage that began 3 S Staples (in northeastern Todd County) continued into Morrison County. After downing hundreds of trees for three miles in the Lincoln area, it finally weakened. The total distance traversed by the downburst was 12 miles across Todd and Morrison counties.

## Todd County

**9 NE Browerville to  
11 ENE Long Prairie**

**19**      **1455CST**  
**1505CST**

0 0

### Thunderstorm Wind (EG80)

Another wide swath of damaging wind moved through Todd County, this time affecting the east central portion. It was associated with a three mile long tornado from 1500 to 1505 that began in Todd County and briefly entered Morrison County. The NWS damage survey determined, however, that the vast majority of the widespread damage was due to the strong downburst. Thousands of trees were felled, including many hundred that snapped. Some trees fell on houses, outbuildings and vehicles. All trees from the downburst were oriented from northeast to southwest.

## Todd County

**8 ENE Long Prairie to  
11 ENE Long Prairie**

19      1500CST  
1504CST

## 2.9

50

0 0

### Tornado (F0)

This tornado trekked through mostly heavily wooded areas, but did hit one home on the Todd/Morrison county line. Numerous trees were snapped and the house sustained shingle and soffit damage before the tornado crossed into Morrison County. This tornado was associated with the storm that produced downburst damage from 1455 to 1505 from 9 NE Browerville to 5 N Swanville

## Morrison County

## 5 N Swanville

19      1504CST  
1505CST

## 0.1

50

0 0

### Tornado (F0)

Tornado briefly entered Morrison County after having tracked through Todd County for nearly 3 miles. About two dozen trees were snapped or pushed over before the tornado dissipated. This tornado was associated with the storm that produced downburst damage from 1455 to 1505 from 9 NE Browerville to 5 N Swanville.

## Morrison County

**6 N Swanville to  
5 N Swanville**

19      1505CST

0 0

### Thunderstorm Wind (EG70)

The same downburst that hit east central Todd County from 1455 to 1505 (and was associated with the storm that also produced a tornado from 1500 to 1505) then briefly entered west central Morrison County. After a short distance, it weakened, but not before several dozen trees were toppled and causing minor damage to outbuildings

## Morrison County

### 6 W Randall to Sobieski

**19**      **1510CST**  
**1520CST**

0 0

### Thunderstorm Wind (EG70)

The last in a series of downbursts tore across southwestern Morrison County. The NWS damage survey determined that although this storm produced a two mile long tornado in Morrison County from 1515 to 1520, the vast majority of the damage was due to a 12 mile long, 4 mile wide downburst. Many hundreds of trees were downed, oriented from northeast to southwest. The downburst also hit Flensburg and Sobieski, both of which saw minor house and outbuilding damage.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

### MINNESOTA, Central and South Central

#### Morrison County

5 NW Flensburg to 3 NW Flensburg      19      1515CST  
1520CST      2      50      0      0      Tornado (F0)

The third tornado in a series crossed mostly open meadows and fields, only occasionally knocking down a few trees. This tornado was associated with the storm that produced downburst damage from 1510 to 1520 from 6 W Randall to Sobieski.

#### Morrison County

3 SE Randall      19      1515CST  
1520CST      0      0      Hail(0.75)

#### Morrison County

3 SE Randall      19      1525CST  
1530CST      0      0      6M      Hail(1.75)

The same storm that produced a tornado 7 SW Philbrook as well as downburst damage from 3 S Staples to 2 SE Lincoln also produced large hail that fell in the Randall area. Many fields of corn and beans were decimated.

#### Stearns County

2 NW Holdingford to 4 W Holdingford      19      1545CST  
1549CST      0      0      Hail(1.75)

#### Morrison County

Bowlus      19      1547CST      0      0      Hail(1.75)

#### Stearns County

7 W Avon      19      1620CST      0      0      Hail(0.88)

#### Stearns County

Avon      19      1620CST  
1630CST      0      0      Hail(1.00)

#### Stearns County

St Joseph      19      1620CST      0      0      Hail(0.88)

#### Stearns County

5 N Albany      19      1625CST      0      0      Hail(0.75)

#### Stearns County

1 S Cold Spg      19      1650CST      0      0      Funnel Cloud

#### Stearns County

Richmond      19      1651CST  
1700CST      0      0      Hail(0.88)

#### Meeker County

Eden Vly      19      1714CST      0      0      Hail(1.00)

#### Stearns County

Paynesville      19      1724CST      0      0      Hail(0.88)

#### Meeker County

1 N Dassel to 2 N Dassel      19      1734CST  
1740CST      0      0      Hail(2.00)

#### Stearns County

New Munich      19      1743CST      0      0      Hail(0.88)

#### Meeker County

5 S Dassel      19      1803CST      0      0      10K      Thunderstorm Wind (EG60)  
70 foot HAM radio tower toppled.

#### Meeker County

Grove City      19      1808CST      0      0      Hail(0.75)

#### Mcleod County

4 NW Silver Lake to 4 SW Silver Lake      19      1811CST  
1817CST      0      0      Hail(0.75)



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2003

									July 2003
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>MINNESOTA, Central and South Central</u>									
Mcleod County									
1 N Silver Lake	19	1812CST			0	0			Hail(0.75)
Mcleod County									
5 NNW Hutchinson	19	1820CST			0	0	30K		Thunderstorm Wind (EG52)
Tree down on camper and vehicle. Three children playing inside the camper and three adults standing outside the camper were not injured.									
Mcleod County									
2 NW Hutchinson	19	1821CST 1825CST			0	0			Hail(1.00)
Mcleod County									
5 NW Hutchinson	19	1825CST			0	0			Hail(1.75)
Meeker County									
Cosmos to Corvuso	19	1825CST 1830CST			0	0			Hail(1.00)
Meeker County									
Cedar Mills	19	1829CST			0	0			Hail(2.75)
Hail pounded houses, vehicles and crops.									
Mcleod County									
Hutchinson	19	1830CST			0	0			Hail(2.00)
Hail fell at the golf course in the northwest portion of Hutchinson									
Mcleod County									
2 W Hutchinson to 3 SW Hutchinson	19	1830CST 1835CST			0	0			Hail(1.00)
Mcleod County									
6 SSW Hutchinson to 5 NE Stewart	19	1843CST 1846CST			0	0			Hail(1.00)
Renville County									
5 N Buffalo Lake	19	1843CST			0	0			Hail(1.75)
Mcleod County									
Stewart	19	1848CST 1854CST			0	0			Hail(1.75)
Sibley County									
5 N Winthrop to 2 NW Winthrop	19	1911CST 1915CST			0	0			Hail(1.00)
Lac Qui Parle County									
5 W Madison	20	0259CST			0	0			Hail(0.75)
Stevens County									
4 W Morris	29	1618CST			0	0			Hail(0.75)
Douglas County									
Alexandria Arpt	29	1650CST			0	0			Thunderstorm Wind (MG50)
Measured by ASOS.									

### **WISCONSIN, West**

Polk County								
2 S Osceola	03	0035CST			0	0		Thunderstorm Wind (EG52)
Tree down across 30th Avenue.								
St. Croix County								
Hudson	04	0305CST			0	0		Thunderstorm Wind (EG52)
Several trees and power lines down.								



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### WISCONSIN, West

#### St. Croix County

2 S New Richmond	04	0320CST			0	0			Thunderstorm Wind (EG60)
Ten foot wide section of two storage buildings blown into adjacent field. Tree blown over.									

#### St. Croix County

Roberts	04	0320CST			0	0			Thunderstorm Wind (EG55)
Numerous trees down.									

#### St. Croix County

Somerset	11	1641CST			0	0			Hail(1.00)
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#### Eau Claire County

Cleghorn	31	1925CST 1935CST			0	0			Hail(0.88)
Ground nearly covered.									